

A New *Oxytropis* Species (Leguminosae) from North and Northwest China

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A new species of *Oxytropis*, *O. pseudomyriophylla* Cheng f. ex X.Y.Zhu, H. Ohashi & Y.B.Deng, is described from north and northwest of China.

Key words: New species, *Oxytropis*, Leguminosae

During our studies on Chinese *Oxytropis*, we found some specimens which were identified as *O. pseudomyriophylla* Cheng f. by S. X. Zheng (in sched 1956) and by C. W. Chang (in sched, 1979). This name has, however, not been published validly. After examining the specimens they had studied we also recognized the plants as a new species. It is similar to *Oxytropis myriophylla* (Pall.) DC., but distinguished as follows:

1. Leaves with 25–32 whorls or pairs of leaflets; flowers 20–25 mm long, beak of keel 2–3 mm long; pods villose and without glandular hairs *Oxytropis myriophylla*

1. Leaves less than 20 whorls or pairs of leaflets; flowers 17–19 mm long, beak of keel ca. 1.2 mm long; pods with glandular hairs *Oxytropis pseudomyriophylla*

These species belong to section Baicalia (Stell.) Bunge of subgenus *Oxytropis*.

Oxytropis pseudomyriophylla Cheng f. ex X.Y.Zhu, H.Ohashi & Y.B.Deng, sp. nov. (Figs. 1–3).

Haec species ab *O. myriophylla*, foliolis minus 20 verticillis vel oppositis per folium, oblongo-ovatis vel ovatis, floribus 17–19 mm longibus, rostro carinae ca. 1.2 mm

longo, legumine pubescente vel glanduloso differt.

Holotypus: China. Ningxia. Mt. Liu Pan, alt. 1400 m, J. M. Liou 5699, July 2 1936 (PE).

Acaulescent perennial herb, ca. 25 cm tall, caudex copiously branched. Leaves 12–15 cm long, with yellowish brown hairs; leaflets verticillate or opposite, less than 20 whorls or pairs per leaf, 2–4 at a node, narrowly oblong or narrowly ovate, with dense glandular hairs on both surfaces, 6–9 mm long, 2–2.5 mm wide; stipules coriaceous or scarious, narrowly triangular, 3.2–4.3 mm long, 1.7–2.6 mm wide, with conspicuous veins and rigid hairs, highly connated with petiole at base. Racemes ca. 25 cm long, much longer than leaves, many-flowered; bracts ovate, ca. 6.5 mm long, ca. 2.5 mm wide, with yellowish brown hairs. Calyx tubular, ca. 7.5 mm long, ca. 3 mm wide, with yellowish brown hairs, 5-lobed, lobes subulate, ca. 1 mm long, ca. 0.2 mm wide, tube ca. 6 mm long. Corolla purple; standard narrowly obovate, ca. 17 mm long, ca. 4 mm wide, narrowed to base; wings clawed, lamina obovate, ca. 8 mm long, ca. 3.5 mm wide, tapering to a claw, claw ca. 6

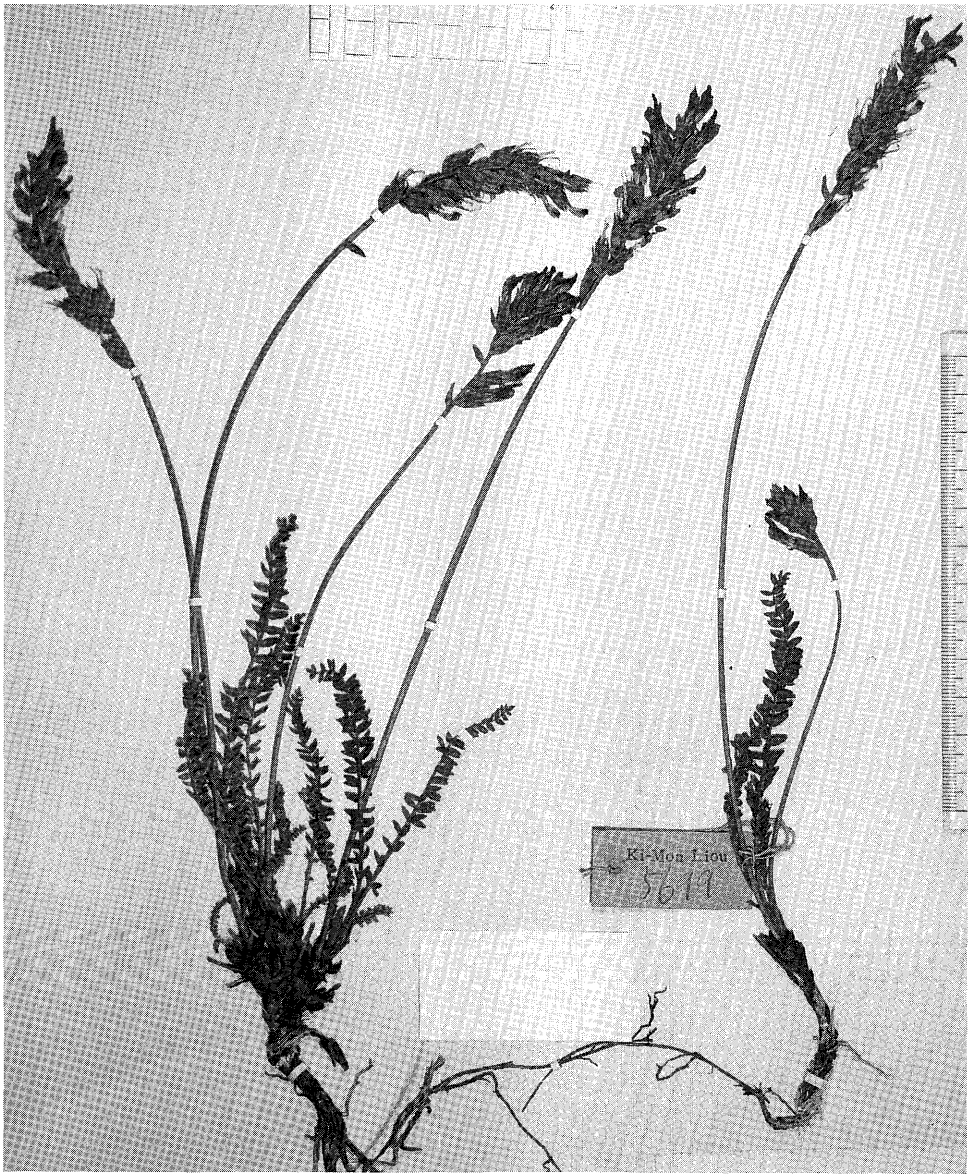


Fig. 1. Holotype of *Oxytropis pseudomyriophylla* Cheng f. ex X.Y.Zhu, H.Ohashi & Y.B.Deng.

mm long, ca. 0.5 mm wide, auriculate at base, auricle ca. 1.5 mm long, ca. 0.7 mm wide; keel-petals clawed, lamina oblong, ca. 4.5 mm long, ca. 2.5 mm wide, claw ca. 8 mm long, ca. 0.7 mm wide, auriculate at base, auricle ca. 1 mm long, ca. 0.5 mm wide, beak 1.2 mm long. Androecia diadelphous, ca. 15 mm long. Ovary tubular, pubescent, ca. 3 mm long, ca. 0.7 mm wide,

style incurved, ca. 7 mm long. Pods with dense glandular hairs. Fl. & fr.: June–July.

Other specimens examined: China: Shanxi. Ningwu Xian, Dongzai, Roadside of Fen River, alt. 1670 m, K. M. Liou 1596, July 5 1957 (PE); Lishi Xian, Lupinger, Huanghe Investigation Team 1845, June 28 1955 (WUK); Ningwu Xian, Chengdong, alt. 1450 m. Shanxi Investigation Team 438, May 30 1956 (PE). Ningxia. Haiyuan Xian, Mt. Nanhua, Gansu (now Ningxia), Huanghe Team 5306, July 10 1956 (PE).

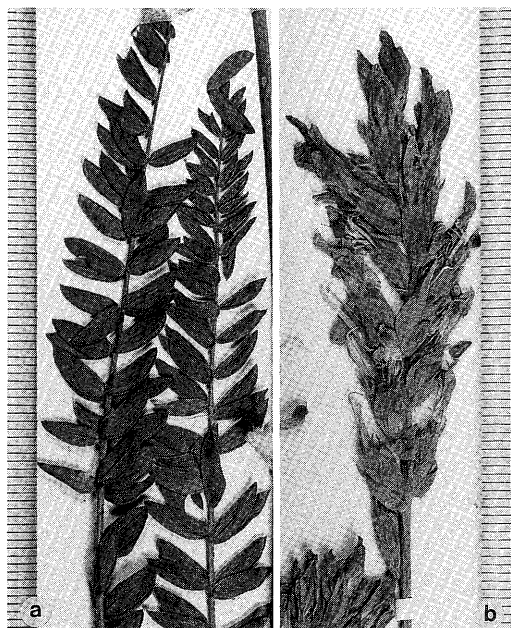


Fig. 2. Leaves (a) and inflorescence (b) of *Oxytropis pseudomyriophylla*. Voucher: a. Huanghe Team 5306. b. Holotype.

Gansu. Mt. Lioupan, Longde Xian, alt. 2400 m. Lang-ran Xu et al. 96-199, July 18 1996 (WUK); Mt. Wupanlong. Huanghe Team 4603, June 6 1955 (PE);

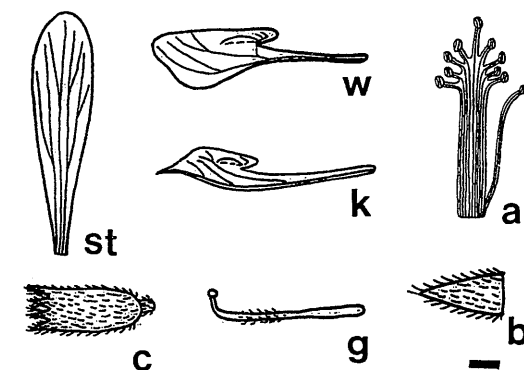


Fig. 3. Flower of *Oxytropis pseudomyriophylla*. st: standard (view from inside); w: wing (view from inside); k: keel-petal (view from outside); g: gynoeceum; c: calyx; a: androecium (view from outside); b: bract (view from outside). Voucher: holotype. Scale bar = 2 mm.

Haiyuan, Hongyang Qu, Yuoliang Shan. Huanghe Team 5570, 6 July 1956 (PE); Zhang Xian, Bamal. Huanghe Team 4802, 13 June 1956 (PE).

朱 相雲^a, 大橋広好^a, 鄧 彦斌^b: 中国北西, 華北産オヤマノエンドウ属 (マメ科) の1新種

中国北西, 華北からオヤマノエンドウ属の1新種を発表した. 本種は *Oxytropis* 亜属 *Baicalia* (Stell.) Bunge 節に属する種で, 中国内モンゴ, 河北およびシベリアに生育する *O. myriophylla* (Pall.) DC. に似るが, 小葉の数, 形, 花の大きさ, 龍骨弁

の突起の長さ, および果実の腺毛によって区別される.

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